



The ViewSonic NMP-302w network media player delivers reliable and stunning 1080p multimedia playback on large format displays and digital signage solutions. With built-in wireless and RJ45 connectivity, along with bundled Signage Manager software, the NMP-302w allows customized multimedia content to be easily produced, scheduled, and loaded to displays from PCs or notebooks. Integrated 8GB on-board memory, as well as dual USB and micro SD card slots, provide direct playback of high-definition content. The NMP-302w also supports the latest HTML5 and SMIL standards, delivering dynamic and informative messaging to your customers. An embedded “fail-safe” function allows the connected display to continue playback of pre-assigned multimedia content even when the media player is not working. The NMP-302w provides a reliable messaging solution for retail, hospitality, point-of-sale advertising, and education environments.

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NMP-302W

Watchdog Timer for Reliable Media Playback

Backup multimedia content can be pre-loaded and scheduled in the content configuration settings of the NMP-302w. If a power outage ever occurs that affects the playback of current content, a built-in watchdog timer will automatically reboot and play the pre-loaded content once power is restored. This ensures fail-safe and continuous messaging without user intervention.



Bundled Signage Manager Software

Great for all venues and scenarios, the bundled Signage Manager software lets users transfer multimedia content onto the NMP-302w from PCs and laptops. This embedded content management tool also lets you format, schedule, and save playback settings.



Support for Dynamic HTML5, W3C, SMIL-format Content

This media player supports HTML5, W3C, and SMIL content retrieved from the Internet. This offers the flexibility to display fresh and interesting content such as news, weather information, stock market trends, sports scores, social networking, or RSS feeds on multiple screens.



Easy Loading via Wireless and RJ45 Ethernet

This media player integrates wireless 802.11 b/g/n network and RJ45 Ethernet connectivity, providing convenient and efficient content loading from a PC or laptop connection.



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8GB of Internal Memory

This media player can store and play hours of high-definition multimedia content thanks to 8GB of built-in, shock-resistant, solid-state memory. In addition, a handy PC-free USB playback feature enables photos, music, and 1080p video to be immediately displayed from a USB drive or micro SD card.



Full HD 1080p and HDMI

This media player supports Full HD 1080p decoding and POPAI (Point of Purchase Advertising International) screen media format standards, including MPEG, H.264, and VC-1. Through HDMI output, 1080p multimedia content is perfectly displayed on large format displays.



USB Power for Minimal Energy Consumption

This media player utilizes the latest power supply technology for low energy consumption. With a micro USB port-based power supply, the media player can be easily powered by the USB port located on large format displays, and uses only 6W power consumption. Additionally, a universal AC power adapter is provided for conventional power supply.



VESA-Mountable

This media player features a 100 x 100mm VESA-mountable design that allows you to mount the media player depending on your specific needs.

Technical Specifications

Core

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	CPU	ARM
Memory	Type	NAND Flash
	Capacity	8GB
Software	Operating System	Embedded Linux
INPUT	SD/SDHC	x1
OUTPUT	HDMI	HDMI 1.4 x 1
LAN	RJ45	x1
Wireless		802.11 b,g,n
USB	Type A	x2
	Micro USB	x1, (for F/W troubleshooting)
Support Media Format	Video format	POPAI Screen Media Standards S6 (MPEG-1 SIF, 3Mbps CBR) S7 (MPEG-1 480p, 10Mbps CBR) S8 (MPEG-1 720p, 15Mbps CBR) S9 (MPEG-2 480p, 6Mbps CBR) S10 (MPEG-2 720p, 12Mbps CBR) S11 (MPEG-4 AVC, 480p, 6Mbps CBR) S12 (MPEG-4 AVC, 720p, 10Mbps CBR) E4 (VC-1/WMV9, MP@ML, 720p) E7 (MPEG-4 ASP, 480p, 10Mbps CBR) E8 (H.264/MPEG-4 AVC, 1080p, 20Mbps CBR)
	Image format	POPAI Screen Media Standards S1 (JPEG 480p baseline) S2 (JPEG 720p baseline) S3 (JPEG 1080p baseline) E1 (PNG 24bpp+alpha, 480p) E2 (PNG 24bpp+alpha, 720p) E3 (PNG 24bpp+alpha, 1080p)
	Audio codec	POPAI Screen Media Standards S4 (MPEG L2 audio) S5 (MP3 audio, 320Kbps)

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	Dynamic content	W3C HTML5 (HTML, CSS, JavaScript) W3C SMIL 3.0 instructions (sub-set)
Bundle Software		Signage Manager
Power	Voltage Consumption	DC 5V 2A 6W
OPERATING CONDITIONS	Temperature (° C) Humidity	0°C to 40°C 30% ~ 80% non-condensing
DIMENSIONS (W x H x D)	Physical (inch / mm) Packaging (inch / mm)	4.21x1.00x2.68 / 107x25.3x68 8.86x3.11x6.69 / 225 x 79 x 170
WEIGHT	Net (lb / kg) Gross (lb / kg)	0.24 / 0.1081 1.28 / 0.58
REGULATIONS		CE/ CE LVD /FCC class B
PACKAGE CONTENTS		Standard package 1. HDMI cable (male to female, 35cm) 2. External WiFi antenna @5db 3. AC Adapter 4. Power plug (US/EU/EU/UK) 5. USB power cable (1.2M) 6. Velcro 7. VESA mount (100 x 100 mm) 8. Hardware Quick Start Guide 9. Software Quick Start Guide 10. Documentation CD Optional accessory 1. Micro USB to USB Y cable (1M)

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